

obtained.

We are, Sir,

Lloyd's Register of Shipping.

97 & 98, Scottish Provident Buildings,
Donegall Square West,

LLOYD'S REGISTER Belfast, 14th May 1917.

The Secretary,

Sir,

With reference to the Twin Screw Geared Turbine Steamer "MAHANA", Workman Clark & Coy's No. 349, (the first geared turbine vessel to our class in this district), I beg to be informed if the Nominal Horse Power for fees should be calculated by the same formula we use for the Turbine forming part of the "Combination" System of Reciprocating and Turbine installations, viz:-

$$\frac{P+590}{1500} \left(\frac{S-H-P}{6} + \frac{H}{12 \text{ or } 15} \right)$$

where S-H-P = Collective Shaft Horse Power.

H = Heating surface in Square feet.

P = Boiler Pressure in lbs per square inch.

In the present case, this would be :-

$$.513 \left(\frac{5200}{6} + \frac{15780}{12} \right) = 1119.$$

I am, Sir,

Your obedient servant,

R. J. Devereux

ent boiler plate surface to be deducted

S.H.P. = 5200
H.S. = 15780 sq ft
P = 180 lb
Forced Draft

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Lloyd's Register Foundation

Working pressure of end plates

Area of safety valves to superheater

7'07 sq ft Are they fitted with easing gear

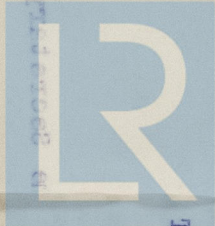
Referred to the Chief Engineer Surveyor.

[Handwritten signature]

MAY 15 1917

Submitted The Belfast Surveyors
Should be informed That They
are correct in the formula They
propose for calculating the fees for
the Survey of Locomotive Engines.

ARRR
16-5-17



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